

**INPUT SET: S14836.raw**

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

## **SEQUENCE LISTING**

(1) General Information:

- (i) APPLICANT: LI, Yi
- (ii) TITLE OF INVENTION: Human G-Protein Chemokine Receptor HDGNR10
- (iii) NUMBER OF SEQUENCES: 9
- (iv) CORRESPONDENCE ADDRESS:
  - (A) ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
  - (B) STREET: 6 Becker Farm Road
  - (C) CITY: Roseland
  - (D) STATE: NJ
  - (E) COUNTRY: USA
  - (F) ZIP: 07068-1739
- (v) COMPUTER READABLE FORM:
  - (A) MEDIUM TYPE: Floppy disk
  - (B) COMPUTER: IBM PC compatible
  - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
  - (D) SOFTWARE: WordPerfect 5.1, Dos Text File
- (vi) CURRENT APPLICATION DATA:
  - (A) APPLICATION NUMBER: 08/466,343
  - (B) FILING DATE: 6 JUN 1996
  - (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
  - (A) NAME: MULLINS, J.G.
  - (B) REGISTRATION NUMBER: 33,073
  - (C) REFERENCE/DOCKET NUMBER: 325800-449
- (ix) TELECOMMUNICATION INFORMATION:
  - (A) TELEPHONE: 201-994-1700
  - (B) TELEFAX: 201-994-1744

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 1414 BASE PAIRS
  - (B) TYPE: NUCLEIC ACID
  - (C) STRANDEDNESS: SINGLE
  - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: cDNA

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/466,343CDATE: 01/07/97  
TIME: 17:19:14

INPUT SET: S14836.raw

47  
48 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
49  
50 GTGAGATGGT GCTTCATGA ATTCCCCAA CAAGAGCCAA GCTCTCCATC TAGTGGACAG 60  
51  
52 GGAAGCTAGC AGCAAACCTT CCCTTCACTA CGAAACTTCA TTGCTTGGCC CAAAAGAGAG 120  
53  
54 TTAATTCAAT GTAGACATCT ATGTAGGCAA TTAAAAACCT ATTGATGTAT AAAACAGTTT 180  
55  
56 GCATTCATGG AGGGCAACTA AATACATTCT AGGACTTTAT AAAAGATCAC TTTTATTAA 240  
57  
58 TGCACAGGGT GGAACAAG ATG GAT TAT CAA GTG TCA AGT CCA ATC TAT GAC 291  
59 Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp  
60 5 10  
61  
62 ATC AAT TAT TAT ACA TCG GAG CCC TGC CCA AAA ATC AAT GTG AAG CAA 339  
63 Ile Asn Tyr Tyr Thr Ser Glu Pro Cys Pro Lys Ile Asn Val Lys Gln  
64 15 20 25  
65  
66 ATC GCA GCC CGC CTC CTG CCT CCG CTC TAC TCA CTG GTG TTC ATC TTT 387  
67 Ile Ala Ala Arg Leu Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe  
68 30 35 40  
69  
70 GGT TTT GTG GGC AAC ATG CTG GTC ATC CTC ATC CTG ATA AAC TGC CAA 435  
71 Gly Phe Val Gly Asn Met Leu Val Ile Leu Ile Leu Ile Asn Cys Gln  
72 45 50 55  
73  
74 AGG CTG GAG AGC ATG ACT GAC ATC TAC CTG CTC AAC CTG GCC ATC TCT 483  
75 Arg Leu Glu Ser Met Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser  
76 60 65 70 75  
77  
78 GAC CTG TTT TTC CTT CTT ACT GTC CCC TTC TGG GCT CAC TAT GCT GCC 531  
79 Asp Leu Phe Leu Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala  
80 80 85 90  
81  
82 GCC CAG TGG GAC TTT GGA AAT ACA ATG TGT CAA CTC TTG ACA GGG CTC 579  
83 Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Leu Leu Thr Gly Leu Tyr  
84 95 100 105  
85  
86 TAT TTT ATA GGC TTC TTC TCT GGA ATC TTC ATC ATC CTC CTG ACA 627  
87 Phe Ile Gly Phe Phe Ser Gly Ile Phe Phe Ile Ile Gln Leu Leu Thr  
88 110 115 120  
89  
90 ATC GAT AGG TAC CTG GCT ATC GTC CAT GCT GTG TTT GCT TTA AAA GCC 675  
91 Ile Asp Arg Tyr Leu Ala Ile Val His Ala Val Phe Ala Leu Lys Ala  
92 125 130 135  
93  
94 AGG ACG GTC ACC TTT GGG GTG GTG ACA AGT GTG ATC ACT TGG GTG GTG 723  
95 Arg Thr Val Thr Phe Gly Val Val Thr Ser Val Ile Thr Trp Val Val  
96 140 145 150 155  
97  
98 GCT GTG TTT GCG TCT CTC CCA GGA ATC ATC TTT ACC AGA TCT CAA AAA 771  
99 Ala Val Phe Ala Ser Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/466,343C**

DATE: 01/07/97  
TIME: 17:19:16

**INPUT SET: SI4836.raw**

100	160	165	170	
101				
102	GAA GGT CTT CAT TAC ACC TGC AGC TCT CAT TTT CCA TAC AGT CAG TAT			819
103	Glu Gly Leu His Tyr Thr cys Ser Ser His Phe Pro Tyr Ser Gln Tyr			
104	175	180	185	
105				
106	CAA TTC TGG AAG AAT TTC CAG ACA TTA AAG ATA GTC ATC TTG GGG CTG			867
107	Gln Phe Trp Lys Asn Phe Gln Thr Leu Lys Ile Val Ile Leu Gly Leu			
108	190	195	200	
109				
110	GTC CTG CCG CTG CTT GTC ATG GTC ATC TGC TAC TCG GGA ATC CTA AAA			915
111	Val Leu Pro Leu Leu Val Met Val Ile Cys Tyr Ser Gly Ile Leu Lys			
112	205	210	215	
113				
114	ACT CTG CTT CGG TGT CGA AAT GAG AAG AAG AGG CAC AGG GCT GTG AGG			963
115	Thr Leu Leu Arg Cys Arg Asn Glu Lys Lys Arg His Arg Ala Val Arg			
116	220	225	230	235
117				
118	CTT ATC TTC ACC ATC ATG ATT GTT TAT TTT CTC TTC TGG GCT CCC TAC			1011
119	Leu Ile Phe Thr Ile Met Ile Val Tyr Phe Leu Phe Trp Ala Pro Tyr			
120	240	245	250	
121				
122	AAC ATT GTC CTT CTC CTG AAC ACC TTC CAG GAA TTC TTT GGC CTG AAT			1059
123	Asn Ile Val Leu Leu Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Asn			
124	255	260	265	
125				
126	AAT TGC AGT AGC TCT AAC AGG TTG GAC CAA GCT ATG CAG GTG ACA GAG			1107
127	Asn Cys Ser Ser Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu			
128	270	275	280	
129				
130	ACT CTT GGG ATG ACG CAC TGC TGC ATC AAC CCC ATC ATC TAT GCC TTT			1155
131	Thr Leu Gly Met Thr His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe			
132	285	290	295	
133				
134	GTC GGG GAG AAG TTC AGA AAC TAC CTC TTA GTC TTC TTC CAA AAG CAC			1203
135	Val Gly Glu Lys Phe Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His			
136	300	305	310	315
137				
138	ATT GCC AAA CGC TTC TGC AAA TGC TGT TCT ATT TTC CAG CAA GAG GCT			1251
139	Ile Ala Lys Arg Phe Cys Lys Cys Ser Ile Phe Gln Gln Glu Ala			
140	320	325	330	
141				
142	CCC GAG CGA GCA AGC TCA GTT TAC ACC CGA TCC ACT GGG GAG CAG GAA			1299
143	Pro Glu Arg Ala Ser Ser Val Tyr Thr Arg Ser Thr Gly Glu Gln Glu			
144	335	340	345	
145				
146	ATA TCT GTG GGC TTG TGACACGGAC TCAAGTGGGC TGGTGACCCA GTCAGAGTTG			1354
147	Ile Ser Val Gly Leu			
148	350			
149	TGCACATGGC TTAGTTTCA TACACAGCCT GGGCTGGGG TGGGGTGGAA GAGGTCTTTT			1414
150				
151				
152	(2) INFORMATION FOR SEQ ID NO:2:			

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/98/466,343C**

DATE: 01/07/97  
TIME: 17:19:19

#### **INPUT SET: S14836.raw**

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/466,343CDATE: 01/07/97  
TIME: 17:19:21

INPUT SET: SI4836.raw

206                   215                   220                   225  
207  
208 Asn Glu Lys Lys Arg His Arg Ala Val Arg Leu Ile Phe Thr Ile  
209                   230                   235                   240  
210  
211 Met Ile Val Tyr Phe Leu Phe Trp Ala Pro Tyr Asn Ile Val Leu  
212                   245                   250                   255  
213  
214 Leu Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser  
215                   260                   265                   270  
216  
217 Ser Ser Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu Thr Leu  
218                   275                   280                   285  
219  
220 Gly Met Thr His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe Val  
221                   290                   295                   300  
222  
223 Gly Glu Lys Phe Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His  
224                   305                   310                   315  
225  
226 Ile Ala Lys Arg Phe Cys Lys Cys Cys Ser Ile Phe Gln Gln Glu  
227                   320                   325                   330  
228  
229 Ala Pro Glu Arg Ala Ser Ser Val Tyr Thr Arg Ser Thr Gly Glu  
230                   335                   340                   345  
231  
232 Gln Glu Ile Ser Val Gly Leu  
233                   350  
234  
235  
236 (2) INFORMATION FOR SEQ ID NO:3:  
237  
238         (i) SEQUENCE CHARACTERISTICS:  
239             (A) LENGTH: 30 BASE PAIRS  
240             (B) TYPE: NUCLEIC ACID  
241             (C) STRANDEDNESS: SINGLE  
242             (D) TOPOLOGY: LINEAR  
243  
244         (ii) MOLECULE TYPE: Oligonucleotide  
245  
246         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
247  
248 CGGAATTCTT CCATGGATTA TCAAGTGTCA                   30  
249  
250  
251 (2) INFORMATION FOR SEQ ID NO:4:  
252  
253         (i) SEQUENCE CHARACTERISTICS:  
254             (A) LENGTH: 29 BASE PAIRS  
255             (B) TYPE: NUCLEIC ACID  
256             (C) STRANDEDNESS: SINGLE  
257             (D) TOPOLOGY: LINEAR  
258

PAGE: i

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/466,343A**DATE: 11/29/96  
TIME: 07:40:11**INPUT SET: S14106.raw**

**This Raw Listing contains the General Information Section and those Sequences containing ERRORS.**

#15

1                   **SEQUENCE LISTING**  
2  
3     (1)    **General Information:**  
4  
5        (i)    **APPLICANT:** LI, Yi  
6  
7        (ii)   **TITLE OF INVENTION:** Human G-Protein Chemokine  
8                    Receptor HDGNR10  
9  
10      (iii)   **NUMBER OF SEQUENCES:** 9  
11  
12      (iv)   **CORRESPONDENCE ADDRESS:**  
13  
14        (A)   **ADDRESSEE:** Carella, Byrne, Bain, Gilfillan,  
15                    Cecchi, Stewart & Olstein  
16        (B)   **STREET:** 6 Becker Farm Road  
17        (C)   **CITY:** Roseland  
18        (D)   **STATE:** NJ  
19        (E)   **COUNTRY:** USA  
20        (F)   **ZIP:** 07068-1739  
21  
22      (v)   **COMPUTER READABLE FORM:**  
23        (A)   **MEDIUM TYPE:** Floppy disk  
24        (B)   **COMPUTER:** IBM PC compatible  
25        (C)   **OPERATING SYSTEM:** PC-DOS/MS-DOS  
26        (D)   **SOFTWARE:** PatentIn Release #1.0, Version #1.30  
27  
28      (vi)   **CURRENT APPLICATION DATA:**  
29        (A)   **APPLICATION NUMBER:** 08/466,343  
30        (B)   **FILING DATE:** 6 JUN 1996  
31        (C)   **CLASSIFICATION:**  
32  
33      (viii)   **ATTORNEY/AGENT INFORMATION:**  
34        (A)   **NAME:** MULLINS, J.G.  
35        (B)   **REGISTRATION NUMBER:** 33,073  
36        (C)   **REFERENCE/DOCKET NUMBER:** 325800-449  
37  
38      (ix)   **TELECOMMUNICATION INFORMATION:**  
39        (A)   **TELEPHONE:** 201-994-1700  
40        (B)   **TELEFAX:** 201-994-1744  
41

*Does Not Comply  
Corrected Diskette Needed*

**ERRORRED SEQUENCES FOLLOW:**

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/466,343A

DATE: 11/29/96

TIME: 07:40:16

INPUT SET: S14106.raw

133 (2) INFORMATION FOR SEQ ID NO:2:

134 (i) SEQUENCE CHARACTERISTICS:

135 (A) LENGTH: 352 amino acids (insert number)

136 (B) TYPE: AMINO ACID

137 (C) STRANDEDNESS:

138 (D) TOPOLOGY: LINEAR

139

140 (ii) MOLECULE TYPE: PROTEIN

141

142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

143

144 Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr  
145 5 10 15

146

147 Thr Ser Glu Pro Cys Pro Lys Ile Asn Val Lys Gln Ile Ala Ala  
148 20 25 30

149

150 Arg Leu Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe Gly Phe  
151 35 40 45

152

153 Val Gly Asn Met Leu Val Ile Leu Ile Leu Ile Asn Cys Gln Arg  
154 50 55 60

155

156 Leu Glu Ser Met Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser  
157 65 70 75

158

159 Asp Leu Phe Phe Leu Leu Thr Val Pro Phe Trp Ala His Tyr Ala  
160 80 85 90

161

162 Ala Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Leu Leu Thr Gly  
163 95 100 105

164

165 Leu Tyr Phe Ile Gly Phe Phe Ser Gly Ile Phe Phe Ile Ile Gln  
166 110 115 120

167

168 Leu Leu Thr Ile Asp Arg Tyr Leu Ala Ile Val His Ala Val Phe  
169 125 130 135

170

171 Ala Leu Lys Ala Arg Thr Val Thr Phe Gly Val Val Thr Ser Val  
172 140 145 150

173

174 Ile Thr Trp Val Val Ala Val Phe Ala Ser Leu Pro Gly Ile Ile  
175 155 160 165

176

177 Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr Thr cys Ser Ser  
178 170 175 180

179

180 His Phe Pro Tyr Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln Thr  
181 185 190 195

182

183 Leu Lys Ile Val Ile Leu Gly Leu Val Leu Pro Leu Leu Val Met  
184 200 205 210

185

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/466,343A

DATE: 11/29/96

TIME: 07:40:21

INPUT SET: S14106.raw

186 Val Ile Cys Tyr Ser Gly Ile Leu Lys Thr Leu Leu Arg Cys Arg  
187 215 220 225  
188  
189 Asn Glu Lys Lys Arg His Arg Ala Val Arg Leu Ile Phe Thr Ile  
190 230 235 240  
191  
192 Met Ile Val Tyr Phe Leu Phe Trp Ala Pro Tyr Asn Ile Val Leu  
193 245 250 255  
194  
195 Leu Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser  
196 260 265 270  
197  
198 Ser Ser Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu Thr Leu  
199 275 280 285  
200  
201 Gly Met Thr His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe Val  
202 290 295 300  
203  
204 Gly Glu Lys Phe Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His  
205 305 310 315  
206  
207 Ile Ala Lys Arg Phe Cys Lys Cys Cys Ser Ile Phe Gln Gln Glu  
208 320 325 330  
209  
210 Ala Pro Glu Arg Ala Ser Ser Val Tyr Thr Arg Ser Thr Gly Glu  
211 335 340 345  
212  
213 Gln Glu Ile Ser Val Gly Leu  
214 350  
215  
216  
217

PAGE: 1

**SEQUENCE VERIFICATION REPORT  
PATENT APPLICATION US/08/466,343A**

DATE: 11/29/96.

TIME: 07:40:26

**INPUT SET: S14106.raw**

Line	Error	Original Text
135	Length must be an Integer	(A) LENGTH: AMINO ACIDS
135	Entered (0) and Calc. Seq. Length (352) differ	(A) LENGTH: AMINO ACIDS